

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) An endoluminal protection and access device for positioning within a lumen of a gastrointestinal tract, which comprises:
 - an access member including an outer wall defining an internal lumen, the access member having a longitudinal axis and proximal and distal ends,
 - the distal end being sufficiently blunt to prevent perforation of the gastrointestinal lumen during positioning of the device,
 - the outer wall defining a window through an entire thickness of the outer wall in a radial direction, wherein the window is adjacent the distal end and in communication with the internal lumen and having has a radial arc ranging from about 90 degrees to about 180 degrees around the longitudinal axis,
 - the outer wall defining a slot through the entire thickness of the outer wall in the radial direction,
 - wherein the slot extends from the window to the distal end of the access member and has a radial arc around the longitudinal axis that is smaller than the radial arc of the window,
 - the outer wall further having a continuous circumference forming an enclosed cylindrical section from the window to the proximal end, the access member having a cross-sectional dimension transverse to the longitudinal axis and a rigidity and a size of the cross-sectional dimension sufficient to stabilize the gastrointestinal lumen upon positioning therein to maintain patency of the gastrointestinal lumen,

wherein the access member is sufficiently flexible to permit navigation through a tortuous path.

2. (Canceled).

3. (Currently Amended) The endoluminal protection and access device according to claim 1, including a housing mounted to the access member for facilitating manipulation about an operative site, the housing having ports for the ingress and egress of insufflation gases.

4. (Withdrawn) A surgical procedure for reversing a colostomy procedure of the type where, an intestinal section is resected leaving a first intestinal section which is attached adjacent an opening in the abdominal wall and a second intestinal section which extends to a rectal opening, comprising the steps of:

accessing a first intestinal section through the opening in the abdominal wall;

introducing a guide within the rectal opening and advancing the guide through the second intestinal section and out the opening in the abdominal wall;

withdrawing the guide through the rectal opening to advance the anvil within the first intestinal section;

introducing an anastomosis instrument within the rectal opening and into the second intestinal section and connecting the anvil to the anastomosis instrument; and

firing the anastomosis instrument to connect the first and second intestinal sections to re-establish continuity between the first and second intestinal sections.

5. (Withdrawn) A surgical procedure for reversing a colostomy procedure of the type where a intestinal section is resected leaving a first intestinal section which is attached adjacent an opening in the abdominal wall and a second intestinal section which extends to a rectal opening, comprising the steps of:

positioning an access device within the opening in the abdominal wall and
advancing the access device within the first intestinal section;

manipulating the second intestinal section to a position in proximity to the first
intestinal section;

introducing a guide within the rectal opening and advancing the guide through the
second intestinal section;

passing the guide through the second intestinal section and into the first intestinal
section;

advancing the guide through a lumen of the access device and out the opening in
the abdominal wall; removing the access device; connecting an anvil to the guide;

withdrawing the guide through the rectal opening to advance the anvil within the
first intestinal section;

introducing an anastomosis instrument within the rectal opening and into the
second intestinal section;

connecting the anvil to the anastomosis instrument; and

firing the anastomosis instrument to connect the first and second intestinal
sections to re-establish continuity between the first and second intestinal sections.

6. (Withdrawn) The surgical procedure according to claim 5 wherein the access
device includes an outer wall and a window defined in the outer wall in communication with the
lumen of the access device and wherein the step of advancing the guide includes initially
introducing the guide into the window of the access device.

7. (Withdrawn) The surgical procedure according to claim 5, including the step of
introducing a cannulated needle within the rectal opening to access the first intestinal section.

8. (Withdrawn) The surgical procedure according to claim 7 wherein the step of introducing a guide includes advancing the guide through the cannulated needle and into the first intestinal section.

9. (Withdrawn) The surgical procedure according to claim 8 wherein the step of introducing a cannulated needle is performed under laparoscopic visualization.

10. (Withdrawn) The surgical procedure according to claim 5 wherein the anastomosis instrument and wherein during the step of firing the anastomosis instrument, a circular array of stapler is driven through tissue margins of the first and second intestinal section.

11. (Withdrawn) The surgical procedure according to claim 10 wherein the anastomosis instrument includes a circular knife and wherein the step of firing the circular knife pierces tissue of the first and second intestinal portion to define an annular therethrough.

12. (Currently Amended) The endoluminal protection and access device according to claim 1 wherein the window has a longitudinal dimension greater than or equal to a linear dimension of the window defined by the radial arc in the outer wall.

13. (Currently Amended) The endoluminal protection and access device according to claim 1 wherein the slot ~~outer wall defines a slot in communication with the window that~~ extends to the distal end of the access member through less than one revolution of a circumference of the outer wall.

14. (Currently Amended) The endoluminal protection and access device according to claim 1 ~~wherein the outer wall defines a slot in communication with the window,~~ wherein the slot extends parallel to the longitudinal axis to the distal end of the access member.

15. (Currently Amended) The endoluminal protection and access device according to claim 1 wherein ~~the outer wall defines a slot in communication with the window and extends to the distal end of the access member, with the slot~~ has having a length ~~in~~ along the longitudinal axis of the access member less than a length of the window ~~in~~ along the longitudinal axis of the access member.

16. (Currently Amended) The endoluminal protection and access device according to claim 1 wherein the access member is made of medical grade material.

17. (Canceled).

18. (Currently Amended) The endoluminal protection and access device according to claim 1 wherein the access member is sufficiently flexible to permit navigation through a gastrointestinal tract.

19. (Currently Amended) The endoluminal protection and access device according to claim 1, including a housing mounted on the proximal end of the access member and configured to provide insufflation gases through the internal lumen to raise a wall of the gastrointestinal tract.

20. (Currently Amended) An endoluminal mucosal protection and lumen stabilizing device, comprising:

an elongated access member made of medical grade material and having a proximate end, a distal end and an outer wall defining a longitudinal bore extending the length of the access member;

the outer wall having a window communicating with the longitudinal bore ~~and a defining, the window having~~ a radial arc in the range of about 90 degrees to about 180 degrees

around a longitudinal axis of the access member, wherein the window extends through an entire thickness of the outer wall in a radial direction;

the outer wall having a slot communicating with the longitudinal bore and extending from the window to the distal end approximately parallel to the longitudinal axis of the access member, wherein the slot extends through the entire thickness of the outer wall in the radial direction and defines a radial arc around the longitudinal axis that is smaller than the radial arc of the window;

the outer wall being continuous and uninterrupted from the proximate end to the window so as to form an enclosed passageway for insufflation gases; and

the distal end of the access member being formed so as to minimize perforation of a body lumen,

wherein the access member is sufficiently flexible to permit navigation through a tortuous path.

21. (Currently Amended) The endoluminal mucosal protection and lumen stabilizing device of claim 20, further comprising a housing mounted to the access member for facilitating manipulation about an operative site.

22. (Currently Amended) The endoluminal mucosal protection and lumen stabilizing device of claim 20, further comprising a housing mounted on the proximal end of the access member that is configured to provide insufflation gases through the internal lumen to raise a wall of the gastrointestinal tract.

23. (Currently Amended) The endoluminal mucosal protection and lumen stabilizing device of claim 20, wherein the access member is sufficiently flexible to permit navigation through a gastrointestinal tract.

24. (Currently Amended) An endoluminal mucosal protection and lumen stabilizing device, comprising:

an elongated access member made of medical grade material and having a proximate end, a distal end and an outer wall defining a longitudinal bore extending the length of the access member;

the outer wall having a window communicating with the longitudinal bore and defining a radial arc in the range of about 90 degrees to about 180 degrees around a longitudinal axis of the access member;

the outer wall having a slot that extends through an entire thickness of the outer wall and communicating with the longitudinal bore ~~[[and]]~~, wherein the slot extends ~~extending~~ from the window to the distal end approximately parallel to the longitudinal axis of the access member;

the outer wall having a circumferentially uninterrupted longitudinal bore from the window to the proximate end;

a cannula housing having ports that allow insufflation and desufflation of biologically non-reactive gases in and out of the elongated access member;

the elongated access member being removably attachable to the cannula housing;
and

the distal end of the access member being formed so as to minimize perforation of a body lumen,

wherein the access device is flexible to permit navigation through a tortuous path.

25. (Canceled).

26. (New) The endoluminal protection and access device of claim 1 further comprising an opening at the distal end of the access member,

wherein the opening intersects the longitudinal axis of the access member, and

wherein the slot extends from the window to the opening at the distal end of the access member.

27. (New) The endoluminal protection and access device of claim 26 wherein the outer wall includes one and only one window and one and only one slot, wherein the one and only one slot extends from the one and only one window to the opening at the distal end of the access member.

28. (New) An endoluminal protection and access device for positioning within a lumen of a gastrointestinal tract, the device comprising:

an access member including an outer wall defining an internal lumen, the access member having a longitudinal axis and proximal and distal ends, the distal end being sufficiently blunt to prevent perforation of the gastrointestinal lumen during positioning in the gastrointestinal lumen,

an opening at the distal end of the access member, wherein the opening intersects the longitudinal axis of the access member,

a window that extends through the entire thickness of the outer wall in a radial direction adjacent the distal end of the access member, the window having a radial arc ranging from about 90 degrees to about 180 degrees around the longitudinal axis,

the outer wall further having a continuous circumference forming an enclosed cylindrical section from the window to the proximal end, the access member having a cross-sectional dimension transverse to the longitudinal axis and a rigidity and a size of the cross-sectional dimension sufficient to stabilize the gastrointestinal lumen upon positioning therein to maintain patency of the gastrointestinal lumen,

wherein the access member is sufficiently flexible to permit navigation through a tortuous path.

29. (New) The endoluminal protection and access device of claim 28 further comprising a slot through the entire thickness of the outer wall in the radial direction, wherein

the slot extends in a longitudinal direction from the window to the opening at the distal end of the access member, wherein the slot has a radial arc that is less than the radial arc of the window around the longitudinal axis.

30. (New) The endoluminal protection and access of claim 28 including one and only one window and one and only one slot.

31. (New) An endoluminal protection and access device for positioning within a lumen of a gastrointestinal tract, the device comprising:

an access member including an outer wall defining an internal lumen, the access member having a longitudinal axis and proximal and distal ends, the distal end being sufficiently blunt to prevent perforation of the gastrointestinal lumen during positioning in the gastrointestinal lumen,

an opening at the distal end of the access member, wherein the opening intersects the longitudinal axis of the access member,

one and only one window in the outer wall that extends through the entire thickness of the outer wall in a radial direction and is adjacent the distal end of the access member, the window having a radial arc around the longitudinal axis between about 90 degrees and about 180 degrees,

one and only slot that extends through the entire thickness of the outer wall in the radial direction, wherein the slot extends in a longitudinal direction from the window to the opening at the distal end of the access member, wherein the slot has a radial arc around the longitudinal axis that is less than the radial arc of the window,

the outer wall further having a continuous circumference forming an enclosed cylindrical section from the window to the proximal end,

the access member having a cross-sectional dimension transverse to the longitudinal axis and a rigidity and a size of the cross-sectional dimension sufficient to stabilize the gastrointestinal lumen upon positioning therein to maintain patency of the gastrointestinal lumen,

wherein the access member is sufficiently flexible to permit navigation through a tortuous path.

32. (New) An endoluminal protection and access device for positioning within a lumen of a gastrointestinal tract, which comprises:

an access member including an outer wall defining an internal lumen, the access member having a longitudinal axis and proximal and distal ends,

the distal end being sufficiently blunt to prevent perforation of the gastrointestinal lumen during positioning of the device,

the outer wall defining a window adjacent the distal end in communication with the internal lumen and having a radial arc ranging from about 90 degrees to about 180 degrees around the longitudinal axis,

the outer wall further having a continuous circumference forming an enclosed cylindrical section from the window to the proximal end, the access member having a cross-sectional dimension transverse to the longitudinal axis and a rigidity and a size of the cross-sectional dimension sufficient to stabilize the gastrointestinal lumen upon positioning therein to maintain patency of the gastrointestinal lumen,

wherein the access member is sufficiently flexible to permit navigation through a tortuous path.